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## CHECKLIST #0220 FOR THE APPROVAL OF: GARAGE DOORS

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- ☐ Basic Requirements Checklist.
- ☐ One set of the manufacturer's 'approval document' including:
  - a. Door details with all dimensions including width and height,
  - b. Section of all structural components with dimensions, ASTM A446 grade and yield strength of panel or slats,
  - c. Details of installation, corresponding with test specimen and calculations,
  - d. Forces acting on supporting frame, and
  - e. Required slip and wind-lock frequency for roll-up doors.
- ☐ Calculations verifying the tested anchoring method of door assembly to the structure.
- ☐ One set of manufacturer's design drawings marked and verified by the testing laboratory.

**The following current laboratory tests and test reports in compliance with protocol TAS 301.**

- ☐ Impact test per TAS 201. (Report penetration and rupture).
- ☐ Cyclic test per TAS 203 (Report status of anchorage & operability of door).
- ☐ Uniform static air test per TAS 202. (Report recovery after half test load (100% required), full test load (80% minimum required), and operability of door before and after testing).
- ☐ Tensile test of Door panel or slat per ASTM E-8.
- ☐ If metal is not galvanized with a coating of minimum G-90 per ASTM A-525, then test for evaluation of painted panels on a minimum of 3 samples per ASTM D1654 (ASTM B117) for 1000 hrs. A control set of galvanized specimens shall also be simultaneously tested under the exact conditions for comparison purposes.

**Notes:**

1. If product has a plastic component, add the requirements of the plastic checklist.
2. Maximum allowable cycle time for doors over 75 ft<sup>2</sup> = (Area of Specimen - 75) x (F) + 3. For sectional doors F = .06, for rolling door F = .35.